

SARVAJANIK UNIVERSITY
Dr. R. K. Desai Marg, Athwalines, Surat

Institute-wise List of SWAYAM MOOCs for July 2026
(Exam conduction by National Coordinator)

Sarvajanik College of Engineering and Technology (SCET)

SCET Subject Details					NPTEL (National Coordinator) Course Details				
Sr. No	Semester	Programme	Subject Type	Subject Name (code)	Course ID	Course Name	Instructor Name	Co-ordinating Institute	Exam date
Branch - Artificial Intelligence and Machine Learning (AIDS)									
1	Sem 7	AIDS	Professional Elective IV	IOT and Applications (BTIT14704)	noc26-cs161	Introduction to Internet Of Things https://nptel.ac.in/courses/106105166	Prof. Sudip Misra	IIT Kharagpur	October 17, 2026
2		AIDS	Professional Elective V	Reinforcement Learning (BTAI14702)	noc26-cs134	Reinforcement Learning https://nptel.ac.in/courses/106106143	Prof. Balaraman Ravindran	IIT Madras	October 23, 2026
Branch - Computer Engineering (CO)									
3	Sem 7	CO	Professional Elective IV	Computer Vision (BTCO14703)	noc26_cs158	Computer Vision https://nptel.ac.in/courses/106105216	Prof. Jayanta Mukhopadhyay	IIT Kharagpur	October 24, 2026
4		CO	Professional Elective IV	Cloud Computing (BTCO14704)	noc26_cs150	Cloud Computing https://nptel.ac.in/courses/106105167	Prof. Soumya Kanti Ghosh	IIT Kharagpur	October 18, 2026
5		CO	Professional Elective IV	Virtual and Augmented Reality	noc26_cs140	Foundations of Virtual Reality https://nptel.ac.in/courses/106106699	Prof. M.Manivannan, Prof. Anna	IIT Madras, Universit	October 23, 2026

				(BTCO14705)			Lavalle, Prof. Steven Lavalle	y of Oulu	
6		CO	Professional Elective V	Deep Learning (BTCO14708)	noc26_cs138	Deep Learning - IIT Ropar https://nptel.ac.in/courses/106106184	Prof. Sudarshan Iyengar	IIT Ropar	October 17, 2026
7		CO	Professional Elective V	Big Data Analytics (BTCO14709)	noc26_cs189	Big Data Computing https://nptel.ac.in/courses/106104189	Prof. Rajiv Misra	IIT Patna	October 17, 2026
Branch - Electronics & Communication Engineering (EC)									
8	Sem 8	EC	Professional Elective V	VLSI Physical Design Automation (BTEC13802)	noc26_ee147	VLSI Design Flow: RTL to GDS https://nptel.ac.in/courses/108106191	Prof. Sneh Saurabh	IIT Delhi	October 18, 2026
9		EC	Professional Elective V	RADAR and Navigational AIDS (BTEC13804)	noc26_ee173	Principles and Techniques of Modern Radar Systems https://nptel.ac.in/courses/108105154	Prof. Amitabha Bhattacharya	IIT Kharagpur	October 24, 2026
10		EC	HONS-VLSI-Sem-8	VLSI Physical Design Automation (BTEC13802)	noc26_ee147	VLSI Design Flow: RTL to GDS https://nptel.ac.in/courses/108106191	Prof. Sneh Saurabh	IIT Delhi	October 18, 2026
Branch - Information Technology (IT)									
11	Sem 7	IT	Professional Elective IV	IOT and Applications (BTIT14704)	noc26_cs161	Introduction to Internet Of Things https://nptel.ac.in/courses/106105166	Prof. Sudip Misra	IIT Kharagpur	October 17, 2026
12		IT	Professional Elective V	Natural Language Processing (BTIT14706)	noc26_cs180	Natural Language Processing https://nptel.ac.in/courses/106105158	Prof. Pawan Goyal	IIT Kharagpur	October 17, 2026
Branch - Instrumentation & Control Engineering (IC)									
13	Sem 6	IC	Professional Elective II	Biomedical Instrumentation (BTIC14604)	noc26-bt78	Biomedical Instrumentation https://nptel.ac.in/courses/102106669	Prof. Varadhan SKM	IIT Madras	October 25, 2026
14		IC	Professional Elective I	Instrumentation For Agriculture And food processing	noc26-ag23	Dairy and Food Process and Products Technology https://nptel.ac.in/courses/126105013	Prof. Tridib Kumar Goswami	IIT Kharagpur	October 17, 2026

				(BTIC14602)					
15	Sem 7	IC	Professional Elective I	Robotics and Machine Vision (BTIC14703)	noc26-cs183	Introduction to Application of Artificial Intelligence to Robotics https://nptel.ac.in/courses/106107001	Prof. Pushparaj Mani Pathak	IIT Roorkie	October 24, 2026
16		IC	Professional Elective	Artificial Intelligence and Machine Learning (BTIC14701)	noc26-cs102	Foundations of Machine Learning https://nptel.ac.in/courses/106106001	Prof. J. SakethaNath	IIT Hyderabad	October 18, 2026
Branch - Mechanical Engineering (ME)									
17	Sem 6	ME	Professional Elective I	Renewable Energy Engineering (BTME14611)	noc26-ge98	Renewable Energy Sources: Fundamentals and Technologies https://nptel.ac.in/courses/127107001	Prof. Sonal K. Thengane	IIT Roorkee	October 16, 2026
18		ME	Professional Elective I	Biomass Energy Conversion (BTME14613)	noc26-ch69	Energy Conversion Technologies (Biomass and Coal) https://nptel.ac.in/courses/103103222	Prof. Vaibhav Vasant Goud	IIT Guwahati	September 19, 2026
19		ME	Professional Elective II	Industrial and Quality Engineering (BTME14614)	noc26-me193	Industrial Engineering and Operations Research https://nptel.ac.in/courses/112103774	Prof. Uday Shanker Dixit	IIT Guwahati	October 24, 2026
20	Sem 7	ME	Professional Elective III	Finite Element Method (BTME14712)	noc26-me180	Finite Element Method: Variational Methods to Computer Programming https://nptel.ac.in/courses/112103295	Prof. Atanu Banerjee , Prof. Arup Nandy	IIT Guwahati	October 24, 2026
21		ME	Professional Elective III	Design of Heat Exchanger (BTME14713)	noc26-me172	Heat Exchangers: Fundamentals and Design Analysis https://nptel.ac.in/courses/112105248	Prof. Prasanta Kumar Das, Prof. Indranil Ghosh	IIT Kharagpur	October 17, 2026
Branch - Electrical Engineering (EL)									
22	Sem 6	EL	Professional Elective I	Internet of Things (BTTEL14613)	noc26-cs161	Introduction to Internet of Things https://nptel.ac.in/courses/106105166	Prof. Sudip Misra	IIT, Kharagpur	October 17, 2026
23		EL	Professional Elective II	Advanced Power Electronics (BTTEL14622)	noc26-ee108	Advance power electronics and Control https://nptel.ac.in/courses/108107128	Prof. Avik Bhattacharya	IIT, Roorkee	September 20, 2026
24		EL	Professional	Computer Aided	noc26-	Simulation of Modern Power Systems	Prof. Abheejeet	IIT,	October

			Elective II & III	Power System Analysis (BTEL14633)	ee93	https://nptel.ac.in/courses/108104001	Mohapatra	Kanpur	18, 2026
25	Sem 7	EL	Professional Elective IV	Application of Power Electronics in Power System (BTEL14742)	noc26-ee194	Power Electronics Applications in Power Systems https://nptel.ac.in/courses/117103488	Prof. Sanjib Ganguly	IIT, Guwahat i	October 18, 2026
26		EL	Professional Elective V	Artificial Intelligence Techniques (BTEL14752)	noc26-cs133	Introduction to Machine Learning https://nptel.ac.in/courses/106106139	Prof. Balaraman Ravindran	IIT, Madras	October 18, 2026
Branch - Chemical Engineering (CH)									
27	Sem 7	CH	Professional Elective V	Modelling & Simulation in Chemical Engineering (BTCH14701)	noc26_ch95	Mathematical Modelling and Simulation of Chemical Engineering Process https://nptel.ac.in/courses/103105215	Prof. Sourav Mondal	IIT Kharagp ur	24 Oct 2026
28		CH	Professional Elective V	Computer aided process synthesis (BTCH14702)	noc26_ch87	CFD Applications in Chemical Processes https://nptel.ac.in/courses/103105679	Prof. Arnab Atta	IIT Kharagp ur	18 Oct 2026
Branch - Civil Engineering (CL)									
29	Sem 6	CL	Professional Elective II	Foundation Engineering Design (BTCL14604)	noc26_ce147	Foundation Engineering https://nptel.ac.in/courses/105105176	Prof. Kousik Deb	IIT, Kharagp ur	October 23, 2026
30	Sem 7	CL	Professional Elective IV	Advanced Concrete Design (BTCL14701)	noc26_ce123	Advanced Reinforced Concrete Design https://nptel.ac.in/courses/105106224	Prof. S. Suriya Prakash	IIT, Hydraba d	October 23,2026

Shree Ramkrishna Institute of Computer Education and Applied Sciences

SRKI Subject Details					NPTEL (National Coordinator) Course Details				
Sr. No	Sem	Programme	Subject Type	Subject Name (code)	Course ID	Course Name	Instructor Name	Co-ordinating Institute	Exam date
Department of Computer Science									
1	Sem 3	BSc IT/CS/AIDS	AEC	Pattern Discovery and Data Visualization (BSGN34313)	noc26-ge94	Statistical Data Analysis: Application to Atmospheric Science https://nptel.ac.in/courses/127106011	Prof. Sarita Azad	IIT Mandi	October 18, 2026
2		BSc IT/CS/AIDS	AEC	Building Digital Campaigns with AI (BSGN34314)	noc26-mg139	Digital Marketing in the AI era - Part 1 https://nptel.ac.in/courses/110106002	Prof. Prathamesh Vivek Kittur	IIT Madras	October 18, 2026

Mitraj Sarvajanik Institute of Design Planning & Technology
(MS-IDPT)

SCET Subject Details					NPTEL (National Coordinator) Course Details				
Sr. No	Sem	Programme	Subject Type	Subject Name (code)	Course ID	Course Name	Instructor Name	Co-ordinating Institute	Exam date
Bachelors of Interior Design									
1	Sem 7	BIID	ODL (Open and Distance Learning)	BIID22702	noc26-de19	User Research Methods	Prof. Sharmistha Banerjee	IIT Guwahati	Oct 16, 2026
2					noc26-de25	Form and Aesthetics	Prof. B.K. Chakravarthy	IIT Bombay	Oct 17, 2026
3					noc26-mg109	Product and Brand Management	Prof. Vinay Sharma	IIT Roorkee	Oct 18, 2026
4					noc26-hs133	Developing Soft Skills and Leadership through Indian Knowledge System	Prof. Nagendra Kumar Prof. Anurag Kumar	IIT Roorkee SMVD University, Katra, Jammu	Oct 23, 2026
5					noc26-hs192	Literature, Culture and Media	Prof. Rashmi Gaur	IIT Roorkee	Oct 25, 2026
Bachelor of Architecture									

1	Sem 8	BRAR	PROFESSIONAL ELECTIVE 8A (pre-approved credits for upcoming semester)	BRAR-14802	noc26-ar24	Introduction to Urban Planning	Prof. Harshit Sosan Lakra	IIT Roorkee	Sep 19, 2026
2					noc26-ar25	Modern Indian Architecture	Prof. P.S. Chani	IIT Roorkee	Sep 20, 2026
3					noc26-ar26	Contemporary Architecture and Design	Prof. Saptarshi Kolay	IIT Roorkee	Sep 19, 2026
4					noc26-ar27	Role of Craft and Technology in Interior - Architecture	Prof. Smriti Saraswat	IIT Roorkee	Sep 20, 2026
5					noc26-ar28	Housing Policy & Planning	Prof. Uttam Kumar Roy	IIT Roorkee	Sep 20, 2026
6					noc26-ar30	Building Materials and Composites	Prof. Sumana Gupta	IIT Kharagpur	Sep 19, 2026
7					noc26-ar37	Finishing Materials and Systems for Building Applications	Prof. Aaditya Pratap Sanyal	IIT Madras	Oct 18, 2026
8					noc26-ar38	Intelligent and Smart Buildings in the Context of Futuristic Architecture	Prof. P. S. Chani, Prof. Venu Shree	IIT Roorkee	Oct 17, 2026
Masters in Interior Design									

1	Sem 3	MIID	PROFESSIONAL ELECTIVE-2	MFEL25301	noc26-ar27	Role of Craft and Technology in Interior - Architecture	Prof. Smriti Saraswat	IIT Roorkee	Sep 20, 2026
2					noc26-ar37	Finishing Materials and Systems for Building Applications	Prof. Aaditya Pratap Sanyal	IIT (BHU) Varanasi	Oct 18, 2026
1	Sem 4	MIID	TRANSDISCIPLINARY OPEN ELECTIVE-2 (pre-approved credits for upcoming semester)	MFEL26401	noc26-de26	Understanding Incubation and Entrepreneurship	Prof. B.K. Chakravarthy	IIT Bombay	Oct 18, 2026
2					noc26-mg80	Foundations of Entrepreneurship	Prof. Anuradha Narasimhan	IIT Bombay	Oct 17, 2026
3					noc26-mg97	Brand Management	Prof. Abhishek Kumar	Army Institute of Management, Kolkata	Sep 20, 2026
4					noc26-ge64	Introduction to Biomimicry	Prof. Shiva Subramaniam, Prof. Sivakumar Srinivasan, Prof. Satya Seshadri, Prof. Mrinalini	IIT Madras	Sep 20, 2026
5					noc26-mg145	Innovation, Business Models and Entrepreneurship	Prof. Rajat Agrawal Prof. Vinay Sharma	IIT Roorkee	Oct 25, 2026